

Charted Claims:

Method Claims: 1

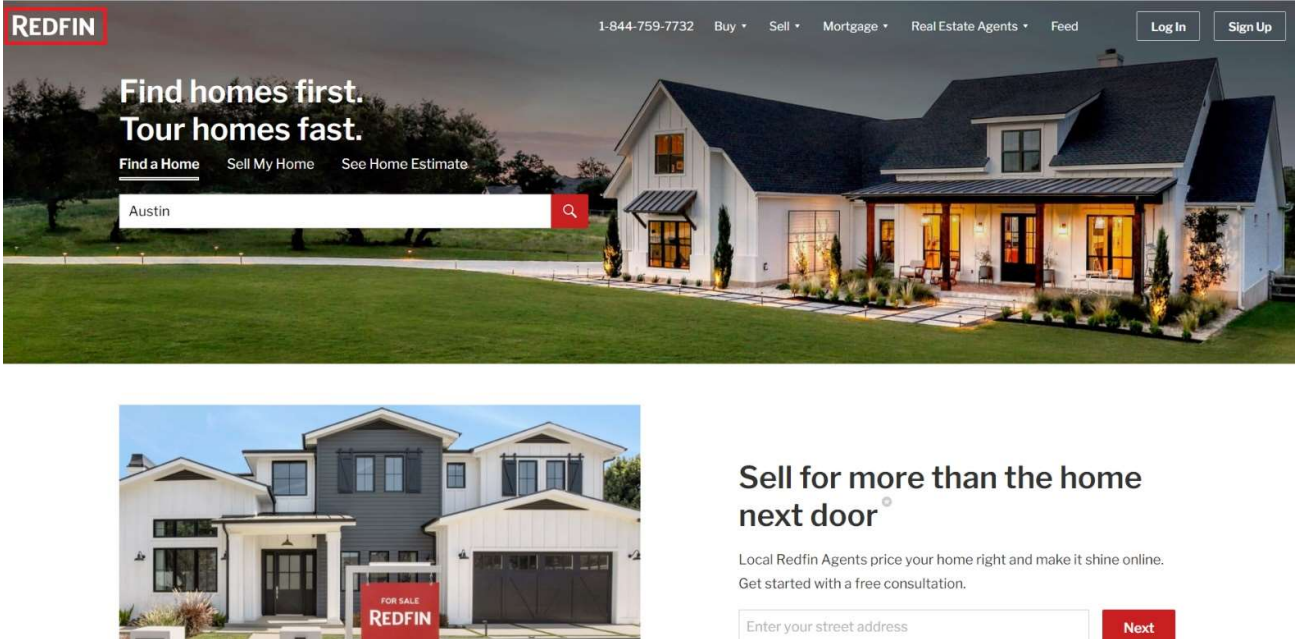
US10514832B2	Redfin ("The accused instrumentality")
<p>1. A method comprising: determining, in response to a user command, regions of interest within each of a plurality of cards by searching information indicating previous user preferences; and</p>	<p>The accused instrumentality practices a method which comprises determining, in response to a user command (a user command to search desired real estate property), regions of interest (address, price, property features, etc.) within each of a plurality of cards (e.g., cards showing houses for sale, rent, etc.) by searching information indicating previous user preferences (e.g., Beds, Saved homes, Price, Square feet, Recommended, etc.).</p>  <p><a href="https://www.redfin.com/">https://www.redfin.com/</a></p>

Exhibit No.

PX-832-C

**REDFIN**

Austin X

user command

Q

1-844-759-7732 Buy Sell Mortgage Real Estate Agents Feed My Redfin

Save Search

## Austin Homes for Sale

[See Market Insights](#)

Price \$50k to \$325k
[More Filters \(2\)](#)

24 homes Sort: Square feet

Photos Table

**\$149,900**

1 Bed 1 Bath 378 Sq. Ft.

1840 Burton Dr #100, Austin, TX 78741

**\$225,000**

1 Bed 1 Bath 395 Sq. Ft.

1111 W 10th St #109, Austin, TX 78703

<https://www.redfin.com/city/30818/TX/Austin/filter/sort=lo-sqft,min-price=50k,max-price=325k,min-beds=1,max-beds=1>

REDFIN

Austin

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Save Search

Austin Homes for Sale

See Market Insights

Price \$50k to \$325k

Fewer Filters

Beds

1 to 1

Baths

No min

Property Type

House

Townhouse

Condo

Land

Multi-family

Manufactured

Co-op

Other

Listing Status

For Sale

ON

Status

Time on Redfin

Reset

24 Homes

Apply Filters

Remove Outline

Draw

Layers


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<https://www.redfin.com/city/30818/TX/Austin/filter/sort=lo-sqft,min-price=50k,max-price=325k,min-beds=1,max-beds=1>

**REDFIN** Austin X  1-844-759-7732 Buy Sell Mortgage Real Estate Agents Feed My Redfin

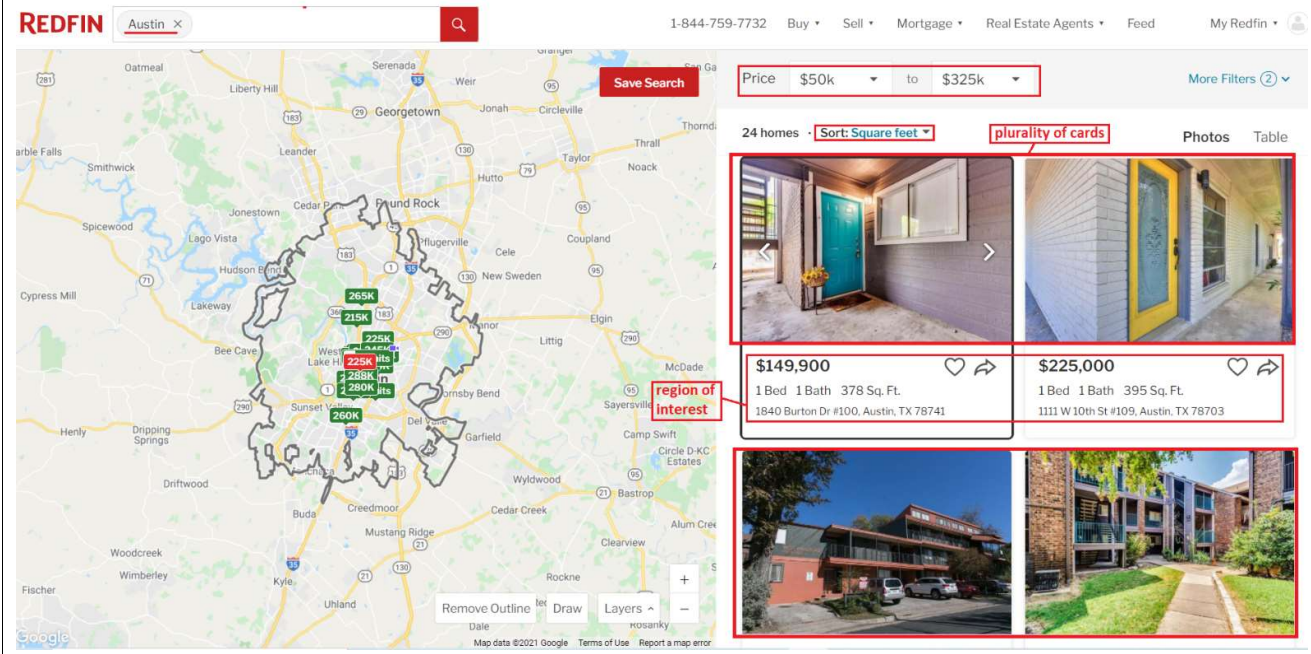
Price \$50k to \$325k [More Filters \(2\)](#)

24 homes [Sort: Square feet](#) [plurality of cards](#) Photos Table

**\$149,900**    
 1 Bed 1 Bath 378 Sq. Ft.  
 1840 Burton Dr #100, Austin, TX 78741

**\$225,000**    
 1 Bed 1 Bath 395 Sq. Ft.  
 1111 W 10th St #109, Austin, TX 78703


<https://www.redfin.com/city/30818/TX/Austin/filter/sort=lo-sqft,min-price=50k,max-price=325k,min-beds=1,max-beds=1>




**REDFIN** Austin X 1-844-759-7732 Buy Sell Mortgage Real Estate Agents Feed My Redfin

**Save Search** Price \$50k to \$325k More Filters


24 homes **Sort: Square feet** Previous user preferences Photos Table




**\$149,900**  
1 Bed 1 Bath 378 Sq. Ft.  
1840 Burton Dr #100, Austin, TX 78741



**\$225,000**  
1 Bed 1 Bath 395 Sq. Ft.  
1111 W 10th St #109, Austin, TX 78703





Remove Outline Draw Layers

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<https://www.redfin.com/city/30818/TX/Austin/filter/sort=lo-sqft,min-price=50k,max-price=325k,min-beds=1,max-beds=1>

REDFIN

Austin X

Q

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Save Search

Austin Homes for Sale

See Market Insights

Price \$50k to \$325k

Fewer Filters 2

Beds 1 to 1

Baths No min

previous user preferences

Property Type

House

Townhouse

Condo

Land

Multi-family

Manufactured

Co-op

Other

Listing Status

For Sale ON

Reset

24 Homes

Apply Filters

Remove Outline

Draw

Layers

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<https://www.redfin.com/city/30818/TX/Austin/filter/sort=lo-sqft,min-price=50k,max-price=325k,min-beds=1,max-beds=1>

REDFIN

Austin X


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Save Search


Price \$50k to \$325k More Filters 2

24 homes Sort: Recommended previous user preferences Photos Table


NEW 15 HRS AGO




**\$260,000**  
1 Bed 1 Bath 605 Sq. Ft.  
6000 S Congress Ave #127, Austin, TX 78745



NEW 16 HRS AGO



**\$265,000**  
1 Bed 1 Bath 740 Sq. Ft.  
3809 Spicewood Springs Rd #253, Austin, TX 7...



Map of Austin, TX, showing various neighborhoods and property listings. A red outline highlights a specific area in the center of the city. The map includes labels for major roads, landmarks, and surrounding areas like Leander, Georgetown, and Round Rock.

<https://www.redfin.com/city/30818/TX/Austin/filter/min-price=50k,max-price=325k,min-beds=1,max-beds=1>

**A. All Users of the Redfin Sites**

From registered and unregistered users of the Sites, we automatically receive and record information whenever you interact with the Sites. This includes IP address data from our server logs, cookie information, browser information, information about your activity while on the Sites (such as the pages you request, properties that you view or save, and property that you claim), and the URL of the site you came to the Sites from. We also may collect the mobile device ID (such as the ID for Advertising on iOS and Android ID on Android) from users of the Redfin Applications. If permitted by the settings on your device and/or with your consent, we will also collect your geo-location information. We use this to provide you with location specific information, such as homes for sale near your current location as determined by your geolocation, and information about listing your home for sale based on your geolocation. We may also approximate your location based off your IP address, to customize your experience on our Sites.

We may also use the information listed above to help diagnose problems and performance with the Services, analyze trends, customize your experience, and administer the Services. We may provide IP addresses to third-parties to help us analyze website user survey data. We may also use the information described in this section to better target information about Redfin's Sites and Services, for example, by displaying more accurate or relevant information on our Sites, matching you to a public record listing of a property, tailoring the advertising we display on third party websites and platforms, and sending better targeted and tailored messages, including via email and/or push notifications.

**B. Registered Users of the Redfin Sites**

We are required to collect certain information, including your name and email address, as a condition of our licenses with the multiple real estate listing services (the "MLSs") in order to allow you to access the full MLS listings. You give us this information when you create your Redfin account. When you give us this information at one of our events, or upon your request, we will create a Redfin account for you, and you agree that this Privacy Notice and our [Terms of Use](#) apply. In addition, when you are signed in to your Redfin account and using Redfin through Facebook, Twitter, or any other third-party authorization service, we may make use of the information that they provide us to further customize your Redfin experience. We may share Personal Information with such third parties to deliver Redfin tailored content both on our Services and on third party sites (e.g., social media sites).

- **My Redfin:** My Redfin is a feature that allows you to upload notes and photos about a property, save searches, add favorites and x-outs, and otherwise organize homes that may interest you. We save all of this "My Redfin" information for use later in connection with our Services. It is stored with your Redfin account information.
- **Account Password Security:** Your Redfin account password is encrypted on our server. It is your responsibility not to disclose your password to other people and to ensure you maintain its security.

<https://www.redfin.com/about/privacy-policy>

- Select your filters by tapping on the filter button next to the search bar and narrowing your results with your preferences on price, bedroom, home-style, etc.

AT&T 7:42 AM

Filters Reset

Get alerts based on these filters Save Search

Price

No min to No max

Beds

— No min +

Baths

— No min +

Property Type

House Condo Townhouse

<https://support.redfin.com/hc/en-us/articles/360001432832-iPhone-Saved-Search>

<p>updating for display the plurality of cards to visibly show in a display area of a display device the at least one region of interest of multiple cards included in a first group of the plurality of cards, wherein said updating includes repositioning the plurality of cards to remove cards not included in the first group from the display area and to visibly display the at least one region of interest within all of the multiple cards included in the first group within the display area of the display device.</p>	<p>The accused instrumentality practices updating for display the plurality of cards (e.g., cards showing houses for sale, rent, etc.) to visibly show in a display area of a display device (e.g., a user computer device such as laptop, PC, etc.) the at least one region of interest (e.g. address, price, property features, etc.) of multiple cards (e.g., all cards included in the search results) included in a first group of the plurality of cards (e.g., a group of real estate properties cards for a user query) wherein said updating includes repositioning the plurality of cards to remove cards not included in the first group (e.g., cards with address outside the displayed map are removed) from the display area and to visibly display the at least one region of interest (e.g. cards with address within the display boundary are displayed) within all of the multiple cards included in the first group (e.g., cards with addresses within the displayed map) within the display area of the display device.</p> <p>As shown below, on determining region of interest and based on user command, the cards showing addresses with region of interest are displayed.</p>
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REDFIN

Austin X


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Save Search

Price No min to No max More Filters


41 of 1880 homes Sort: Recommended plurality of cards Photos Table

REDFIN OPEN SAT, 11AM TO 1PM  
3D WALKTHROUGH




**\$649,900**  
2 Beds 1 Bath 1,080 Sq. Ft.  
1316 Bob Harrison St, Austin, TX 78702

LISTED BY REDFIN 3D WALKTHROUGH




**\$308,595**  
2 Beds 2.5 Baths 1,105 Sq. Ft.  
2018 W Rundberg Ln Unit 6C, Austin, TX 78758

NEW 5 HRS AGO



NEW 6 HRS AGO



Remove Outline

Draw

Layers

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<https://www.redfin.com/city/30818/TX/Austin>

REDFIN

Austin


1-844-759-7732 Buy Sell Mortgage Real Estate Agents Feed My Redfin

Save Search

Price No min to No max More Filters

41 of 1880 homes Sort: Recommended Display Before Update Photos Table

NEW 13 HRS AGO




\$385,000

4 Beds 2.5 Baths 2,112 Sq. Ft.

13910 Stripling Ln, Pflugerville, TX 78660

NEW 13 HRS AGO 3D WALKTHROUGH




\$399,000


3 Beds 2 Baths 1,077 Sq. Ft.

7802 Creekmere Ln, Austin, TX 78748

NEW 13 HRS AGO



NEW 13 HRS AGO



Remove Outline

Draw

Layers

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**Austin Homes for Sale** Updated Display See Market Insights

Price No min to No max More Filters

**First group**

41 of 92 homes Sort: Recommended Photos Table

**Region of Interest**

**\$895,000** 3 Beds 3 Baths 1,952 Sq. Ft.  
2010 Canterbury St, Austin, TX 78702

**\$1,600,000** 3 Beds 3 Baths 1,978 Sq. Ft.  
800 Embassy Dr #605, Austin, TX 78702

**3D WALKTHROUGH** **NEW CONSTRUCTION** **3D WALKTHROUGH**

<https://www.redfin.com/city/30818/TX/Austin/filter/viewport=30.2746:30.25301:-97.72086:-97.75602>